

L Number	Hits	Search Text	DB	Time stamp
1	0	JP-20058451-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/11 09:13
2	0	JP-200058451-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/11 09:15
3	2	JP-2000058451-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/11 09:15
4	5	("6512248").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/11 09:40
-	3376	gallium adj nitrid\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:10
-	9020	gallium adj nitrid\$5 GaN "Ga N"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:12
-	1	("5977566").PN.	USPAT	2002/03/05 11:12
-	5	5977566.URPN.	USPAT	2002/03/05 11:22
-	5	("4232440"   "4495514"   "5122844"   "5696389"   "5767581").PN.	USPAT	2002/03/05 11:13
-	729	(438/604,606,605).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 15:33
-	98	(438/608,609).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:27
-	4	((438/604,606,605).CCLS.) and ((438/608,609).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:28
-	30	((438/604,606,605).CCLS.) and (ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:37
-	569	(gallium adj nitrid\$5 GaN "Ga N") and (ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:43
-	649	(gallium adj nitrid\$5 GaN "Ga N") and (transpar\$4 near2 conduct\$5 ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:49

-	4	((438/604,606,605).CCLS.) and (transpar\$4 near2 conduct\$5) not	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 16:54
-	398	((438/604,606,605).CCLS.) and (ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1))		
-	398	((gallium adj nitrid\$5 GaN "Ga N") and (transpar\$4 near2 conduct\$5 ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 17:07
-	390	((gallium adj nitrid\$5 GaN "Ga N") and (transpar\$4 near2 conduct\$5 ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4)) not (((438/604,606,605).CCLS.) and ((438/608,609).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 11:51
-	191	((438/604,606,605).CCLS.) and (transpar\$4 near2 conduct\$5 ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4)) and (438/\$ 257/\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 11:08
-	0	20020000563.URPN.	USPAT	2002/03/05 12:11
-	0	6316792.URPN.	USPAT	2002/03/05 13:43
-	6	("Re35665"   "4232440"   "4495514"   "5122844"   "5696389"   "5767581").PN.	USPAT	2002/03/05 13:43
-	1	6078064.URPN.	USPAT	2002/03/05 15:46
-	6	("5369289"   "5684523"   "5789265"   "5798537"   "5880486"   "5923690").PN.	USPAT	2002/03/05 15:46
-	54	((438/604,606,605).CCLS.) (gallium adj nitrid\$5 GaN "Ga N") and ((indium tin) adj oxide) and (438/\$ 257/\$) not (((gallium adj nitrid\$5 GaN "Ga N") and (transpar\$4 near2 conduct\$5 ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4)) and (438/\$ 257/\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 17:07
-	232	((438/604,606,605).CCLS.) and ((438/608,609).CCLS.))		
-	232	((438/604,606,605).CCLS.) and (ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1))		
-	232	((438/604,606,605).CCLS.) and (transpar\$4 near2 conduct\$5) not (((438/604,606,605).CCLS.) and (ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 17:07
-	232	(257/615).CCLS.		

-	226	<p>((257/615).CCLS.) not  ((((438/604,606,605).CCLS.) (gallium adj  nitrid\$5 GaN "Ga N")) and ((indium tin)  adj oxide) and (438/\$ 257/\$) not  ((((gallium adj nitrid\$5 GaN "Ga N") and  (transpar\$4 near2 conduct\$5 ito indium  adj tin adj oxide\$1 conduct\$5 near3  oxide\$1)) and (diode\$1 LED\$1 light near  emit\$4)) and (438/\$ 257/\$))  (((438/604,606,605).CCLS.) and  ((438/608,609).CCLS.))  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1))  (((438/604,606,605).CCLS.) and  (transpar\$4 near2 conduct\$5) not  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1)))) ((gallium adj  nitrid\$5 GaN "Ga N") and (transpar\$4  near2 conduct\$5 ito indium adj tin adj  oxide\$1 conduct\$5 near3 oxide\$1)) and  (diode\$1 LED\$1 light near emit\$4)) and  (438/\$ 257/\$) (((438/604,606,605).CCLS.)  and ((438/608,609).CCLS.))  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1))  (((438/604,606,605).CCLS.) and  (transpar\$4 near2 conduct\$5) not  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1))))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 17:07
-	88	<p>((257/615).CCLS.) not  ((((438/604,606,605).CCLS.) (gallium adj  nitrid\$5 GaN "Ga N")) and ((indium tin)  adj oxide) and (438/\$ 257/\$) not  ((((gallium adj nitrid\$5 GaN "Ga N") and  (transpar\$4 near2 conduct\$5 ito indium  adj tin adj oxide\$1 conduct\$5 near3  oxide\$1)) and (diode\$1 LED\$1 light near  emit\$4)) and (438/\$ 257/\$))  (((438/604,606,605).CCLS.) and  ((438/608,609).CCLS.))  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1))  (((438/604,606,605).CCLS.) and  (transpar\$4 near2 conduct\$5) not  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1)))) ((gallium adj  nitrid\$5 GaN "Ga N") and (transpar\$4  near2 conduct\$5 ito indium adj tin adj  oxide\$1 conduct\$5 near3 oxide\$1)) and  (diode\$1 LED\$1 light near emit\$4)) and  (438/\$ 257/\$) (((438/604,606,605).CCLS.)  and ((438/608,609).CCLS.))  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1))  (((438/604,606,605).CCLS.) and  (transpar\$4 near2 conduct\$5) not  (((438/604,606,605).CCLS.) and (ito  indium adj tin adj oxide\$1 conduct\$5  near3 oxide\$1)))) and (diode\$1 LED\$1  light near emit\$4)</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/05 17:08

-	19	gallium adj nitride with boron adj phosphide	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 10:36
-	2	gallium adj nitride same boron adj phosphide not (gallium adj nitride with boron adj phosphide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 10:23
-	22493	Showa adj Denko	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 09:37
-	39	gallium adj nitride and (Showa adj Denko)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 09:38
-	15	buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 10:34
-	225	boron adj phosphide not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 10:29
-	42	boron adj phosphide and (diode\$1 LED\$1 light near emit\$4) not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 10:34
-	3634	buffer same BP not (gallium adj nitride with boron adj phosphide)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 10:34
-	7093	bp and (diode\$1 LED\$1 light near emit\$4) not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 11:06
-	765	(buffer same BP not (gallium adj nitride with boron adj phosphide)) and (bp and (diode\$1 LED\$1 light near emit\$4) not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 10:36
-	4	gallium adj nitride and ((buffer same BP not (gallium adj nitride with boron adj phosphide)) and (bp and (diode\$1 LED\$1 light near emit\$4) not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 11:02
-	19	5076860.URPN.	USPAT	2002/03/06 10:59
-	5	("3925121"   "4213781"   "4365107"   "4697202"   "4879487").PN.	USPAT	2002/03/06 10:59
-	621	ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:19

-	193	(ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4) not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 11:06
-	123	((ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4) not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide))) and (438/\$ 257/\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 11:12
-	109	((ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4) not ((buffer same boron adj phosphide not (gallium adj nitride with boron adj phosphide)) (gallium adj nitride with boron adj phosphide))) and (438/\$ 257/\$) not (((gallium adj nitrid\$5 GaN "Ga N") and (transpar\$4 near2 conduct\$5 ito indium adj tin adj oxide\$1 conduct\$5 near3 oxide\$1)) and (diode\$1 LED\$1 light near emit\$4)) and (438/\$ 257/\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 15:08
-	2	5789768.URPN.	USPAT	2002/03/06 11:26
-	1	"5717226".PN.	USPAT	2002/03/06 11:26
-	2	5528071.URPN.	USPAT	2002/03/06 11:28
-	3	("4633287"   "4796084"   "4885622").PN.	USPAT	2002/03/06 11:28
-	2	jp-01041520-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 15:32
-	2	jp-01142051-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 15:32
-	2	jp-2001142051-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/06 15:33
-	326	UDAGAWA-TAKASHI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 09:11
-	3	high adj light adj emission and UDAGAWA-TAKASHI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 09:23
-	3	("5977566").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 09:23
-	7	5977566.URPN.	USPAT	2002/07/22 09:23
-	5	("4232440"   "4495514"   "5122844"   "5696389"   "5767581").PN.	USPAT	2002/07/22 09:23

-	4	4232440.URPN.	USPAT	2002/07/22 09:28
-	3	("3808108"   "3909929"   "4156963").PN.	USPAT	2002/07/22 09:28
-	19	ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 10:47
-	0	20020063256.URPN.	USPAT	2002/07/22 10:45
-	36	ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) same (many plural\$3 multipl\$4) not (ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 10:53
-	17	ohmic with (many plural\$3 multipl\$4) same (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) not ((ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4)) (ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) same (many plural\$3 multipl\$4) not (ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 11:12
-	59	ohmic\$5 same (many plural\$3 multipl\$4) same (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) not ((ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4)) (ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) same (many plural\$3 multipl\$4) not (ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4))) (ohmic with (many plural\$3 multipl\$4) same (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) not ((ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4)) (ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) same (many plural\$3 multipl\$4) not (ohmic with (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1) with (many plural\$3 multipl\$4))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 11:03
-	741	(438/604,606,605).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 11:11
-	25	ohmic with (many plural\$3 multipl\$4) and ((438/604,606,605).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:13



-	410	electrode\$1 with percent with area	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/07/22 14:23
-	21	ohmic with electrode\$1 and (electrode\$1 with percent with area)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:09
-	3	("5977566").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 09:33
-	2	TAKEUCHI-RYOICHI and NABEKURA-WATARU and HOSHINA-KOJI and UDAGAWA-TAKASHI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 09:36
-	392	TAKEUCHI-RYOICHI NABEKURA-WATARU HOSHINA-KOJI UDAGAWA-TAKASHI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 09:37
-	30	TAKEUCHI-RYOICHI NABEKURA-WATARU HOSHINA-KOJI UDAGAWA-TAKASHI	USPAT; US-PGPUB	2002/12/13 09:41
-	332	UDAGAWA-TAKASHI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 14:55
-	60	(TAKEUCHI-RYOICHI NABEKURA-WATARU HOSHINA-KOJI UDAGAWA-TAKASHI) not UDAGAWA-TAKASHI	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:00
-	43	ohmic with electrode\$1 and (electrode\$1 with percent\$4 with area)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:09
-	22	ohmic with electrode\$1 and (electrode\$1 with percent with area)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:10
-	21	(ohmic with electrode\$1 and (electrode\$1 with percent\$4 with area) ) not (ohmic with electrode\$1 and (electrode\$1 with percent with area) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:10
-	25	(ohmic ohmically) with (many plural\$3 multipl\$4) and ((438/604,606,605).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:14
-	921	(ohmic ohmically) with (many plural\$3 multipl\$4) and (438/\$6 257/\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 10:15
-	157	((ohmic ohmically) with (many plural\$3 multipl\$4) and (438/\$6 257/\$6)) and (transpar\$4 near2 conduct\$5 ito (indium tin) adj oxide\$1 conduct\$5 near3 oxide\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 14:00
-	0	6420732.URPN.	USPAT	2002/12/13 10:33



-	20	("4152044"   "5048035"   "5076860"   "5153889"   "5192985"   "5226053"   "5345092"   "5488233"   "5502316"   "5724376"   "5789768"   "5811839"   "5821569"   "5837561"   "5861636"   "5917201"   "5972731"   "6063643"   "6222868"   "6225648").PN.	USPAT	2002/12/13 10:40
-	4	6225648.URPN.	USPAT	2002/12/13 10:39
-	2	("5861636"   "6040590").PN.	USPAT	2002/12/13 10:39
-	13	5789768.URPN.	USPAT	2002/12/13 10:39
-	1	"5717226".PN.	USPAT	2002/12/13 10:39
-	15	("5717226".PN. 5789768.URPN. (("5861636"   "6040590").PN.) 6225648.URPN.) not (((("4152044"   "5048035"   "5076860"   "5153889"   "5192985"   "5226053"   "5345092"   "5488233"   "5502316"   "5724376"   "5789768"   "5811839"   "5821569"   "5837561"   "5861636"   "5917201"   "5972731"   "6063643"   "6222868"   "6225648").PN.))	USPAT	2002/12/13 10:51
-	0	6469324.URPN.	USPAT	2002/12/13 10:45
-	20	("4419533"   "4626739"   "5008718"   "5048035"   "5233204"   "5301201"   "5502316"   "5517039"   "5574304"   "5682043"   "5707745"   "5779924"   "5789768"   "5792698"   "5793062"   "6107648"   "6121635"   "6277665"   "6287882"   "6319778").PN.	USPAT	2002/12/13 10:45
-	0	6420732.URPN.	USPAT	2002/12/13 10:45
-	20	("4152044"   "5048035"   "5076860"   "5153889"   "5192985"   "5226053"   "5345092"   "5488233"   "5502316"   "5724376"   "5789768"   "5811839"   "5821569"   "5837561"   "5861636"   "5917201"   "5972731"   "6063643"   "6222868"   "6225648").PN.	USPAT	2002/12/13 10:45
-	17	((("4419533"   "4626739"   "5008718"   "5048035"   "5233204"   "5301201"   "5502316"   "5517039"   "5574304"   "5682043"   "5707745"   "5779924"   "5789768"   "5792698"   "5793062"   "6107648"   "6121635"   "6277665"   "6287882"   "6319778").PN.) (("4152044"   "5048035"   "5076860"   "5153889"   "5192985"   "5226053"   "5345092"   "5488233"   "5502316"   "5724376"   "5789768"   "5811839"   "5821569"   "5837561"   "5861636"   "5917201"   "5972731"   "6063643"   "6222868"   "6225648").PN.)) not ("5717226".PN. 5789768.URPN. (("5861636"   "6040590").PN.) 6225648.URPN. (("4152044"   "5048035"   "5076860"   "5153889"   "5192985"   "5226053"   "5345092"   "5488233"   "5502316"   "5724376"   "5789768"   "5811839"   "5821569"   "5837561"   "5861636"   "5917201"   "5972731"   "6063643"   "6222868"   "6225648").PN.))	USPAT	2002/12/13 10:53

-	52	(( "4419533"   "4626739"   "5008718"   "5048035"   "5233204"   "5301201"   "5502316"   "5517039"   "5574304"   "5682043"   "5707745"   "5779924"   "5789768"   "5792698"   "5793062"   "6107648"   "6121635"   "6277665"   "6287882"   "6319778" ) .PN.) ( ("4152044"   "5048035"   "5076860"   "5153889"   "5192985"   "5226053"   "5345092"   "5488233"   "5502316"   "5724376"   "5789768"   "5811839"   "5821569"   "5837561"   "5861636"   "5917201"   "5972731"   "6063643"   "6222868"   "6225648" ) .PN.) "5717226" .PN. 5789768.URPN. ( ("5861636"   "6040590" ) .PN.) 6225648.URPN. ( ("4152044"   "5048035"   "5076860"   "5153889"   "5192985"   "5226053"   "5345092"   "5488233"   "5502316"   "5724376"   "5789768"   "5811839"   "5821569"   "5837561"   "5861636"   "5917201"   "5972731"   "6063643"   "6222868"   "6225648" ) .PN.) ("5076860") .PN.	USPAT	2002/12/13 14:14
-	2		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 14:00
-	0	amorphous adj body with as adj grwon	USPAT	2002/12/13 14:14
-	0	amorphous adj body with as adj grown	USPAT	2002/12/13 14:15
-	0	amorphous adj body with "as" adj grown	USPAT	2002/12/13 14:15
-	0	amorphous adj body with grown	USPAT	2002/12/13 14:15
-	2	amorphous adj body with grown	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 14:16
-	31	amorphous with body with grown	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 14:16
-	1	amorphous with body with grown with buffer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 14:21
-	0	JP-200058451-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/11 09:13
-	1	JP-05008451-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/13 14:23
-	5	("6512248") .PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 13:43
-	2	jp-11296374-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 14:16

-	2	("5789768").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 13:57
-	18	5789768.URPN.	USPAT	2003/06/10 14:07
-	1	"5717226".PN.	USPAT	2003/06/10 14:07
-	0	6552367.URPN.	USPAT	2003/06/10 14:14
-	4	("3889286"   "5789768"   "5814839"   "6057562").PN.	USPAT	2003/06/10 14:14
-	0	tw-88117542-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 14:20
-	7	HSIEH-MIN-HSUN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 14:53
-	2	jp-11349627-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 14:54
-	35	UDAGAWA-TAKASHI	USPAT; US-PGPUB USPAT	2003/06/10 15:32
-	0	6512248.URPN.	USPAT	2003/06/11 09:40
-	2	("6078064"   "6225648").PN.	USPAT	2003/06/10 15:19
-	1109	distributed with contact with layer	USPAT; US-PGPUB	2003/06/10 15:36
-	781	(438/604,606,605).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 15:33
-	1	(distributed with contact with layer ) and ((438/604,606,605).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 15:33
-	781	(438/\$6 257/\$6) and ((438/604,606,605).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 15:34
-	246	(438/\$6 257/\$6) and (distributed with contact with layer )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2003/06/10 15:35
-	9	distributed NEAR2 contact near2 layer and ((438/\$6 257/\$6) and (distributed with contact with layer ) )	USPAT; US-PGPUB	2003/06/10 15:36
-	9	distributed NEAR2 contact near2 layer and ((438/\$6 257/\$6) and (distributed with contact with layer ) )	USPAT; US-PGPUB	2003/06/10 15:40
-	43	distributed NEAR2 contact and ((438/\$6 257/\$6) and (distributed with contact with layer ) )	USPAT; US-PGPUB	2003/06/10 15:40

-	34	(distributed NEAR2 contact and ((438/\$6 257/\$6) and (distributed with contact with layer ) )) not (distributed NEAR2 contact near2 layer and ((438/\$6 257/\$6) and (distributed with contact with layer ) ))	USPAT; US-PGPUB	2003/06/10 15:41
-	5	4232440.URPN.	USPAT	2003/06/10 15:44
-	3	("3808108"   "3909929"   "4156963").PN.	USPAT	2003/06/10 15:44
-	6	("4232440"   "5358880"   "5608287"   "5822351"   "5917202"   "6278236").PN.	USPAT	2003/06/10 15:45
-	0	6465808.URPN.	USPAT	2003/06/10 15:45